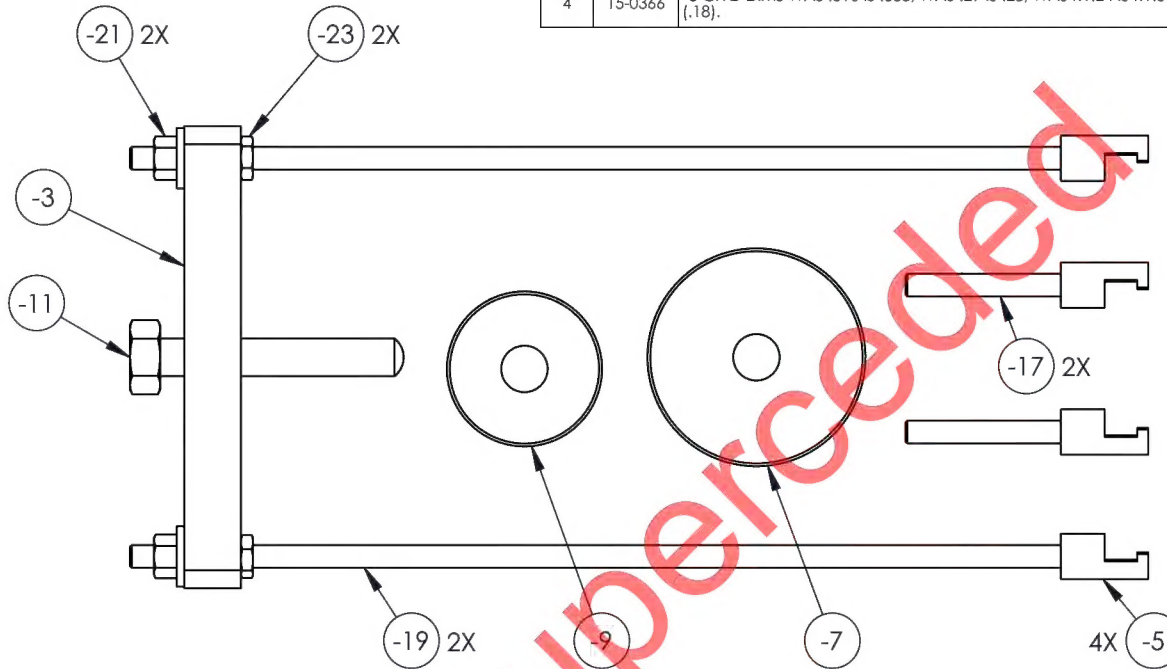


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-5 CH'D OD WAS Ø.749 IS Ø.74, CH'D M6 X 1 THREAD DEPTH WAS .434 IS MIN. DEPTH .43. -9 CH'D TOLERANCE WAS Ø.480 IS Ø.48.	7/31/13	RJC	GE
1	14-0215	-3 CH'D ENGRAVE NOTE WAS "RBW6500X01611-W142E-3T" IS T/N. -5 CH'D DIAMETER WAS Ø.74 IS .473, CH'D SLOT WAS .501 IS .316 CH'D TIP WAS .184 IS .116, CH'D RADIUS WAS R1.964 IS 1.240, CH'D LENGTH WAS 1.443 IS .911. -13 ADDED DWG. -19 ADDED DWG, CH'D FROM B/O TO MANUFACTURED PART.	11/12/14	RJC	JAG
2	15-0011	UPDATED DRAWING TO NEW STANDARDS. -5 CH'D m6X1.0 HOLE DEPTH WAS .43 IS .35.	1/12/2015	RJC	JAG
3	15-0128	-3, -7, -9 & -19 MATERIAL CH'D WAS 1018 IS 1018/1020. -7 CH'D ENGRAVE NOTE WAS "RBW6500X01611-W142E/2-3T" IS P/N. -9 CH'D ENGRAVE NOTE WAS "RBW6500X01611-W142E/3-3T" IS P/N. -13 CH'D DIM WAS SR .27 IS SR .25.	6/4/2015	RJC	JAG
4	15-0366	-5 CH'D DIMS WAS .316 IS .338, WAS .29 IS .28, WAS R1.24 IS R1.50, WAS (.087) IS (.078), WAS (.20) IS (.18).	11/20/2015	RJC	JAG



NOTE:

1. PART OF KIT RBW6505G00331-3T.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-3	1	CROSS BAR	1018/1020		2
			-5	4	EXTRACTOR	4140 Q&T/4142 Q&T		3
			-7	1	LARGE SEAT	1018/1020		4
			-9	1	SMALL SEAT	1018/1020		5
	X		-11	1	SCREW WELDMENT			6
1			-13		THREADED ROD	STEEL	M10 X 1.5 X 70mm (MCMASTER-CARR #99055A231) MODIFIED	7
1		B/O	-15		HEX NUT	STEEL	M10 X 1.5mm (MCMASTER-CARR #90685A046)	6
		B/O	-17	2	SHORT STUD	STEEL	M6 X 1 X 50mm (MCMASTER-CARR #93210A016)	1
			-19	2	LONG STUD	1018/1020		8
		B/O	-21	2	FLANGE NUT	STEEL	M6 X 1 (MCMASTER-CARR #91005A033)	1
		B/O	-23	2	JAM NUT	STEEL	M6 X 1 (MCMASTER-CARR #90695A038)	1
	ASSY -11							

DART AEROSPACE

TITLE
OIL SEAL HOUSING REMOVAL PULLER

DWG NO.
RBW6500X01611-W142E-3T

MAT'L
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
.X ± .1

DRAWN BY: CLOUGH
APPROVED: D Weil
HEAT TREAT
FINISH
SPEC

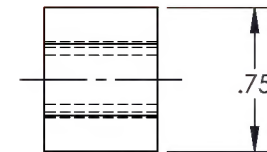
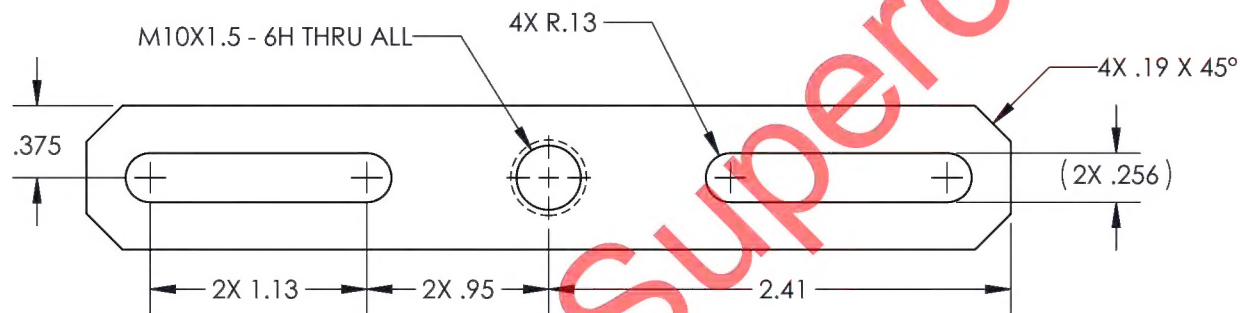
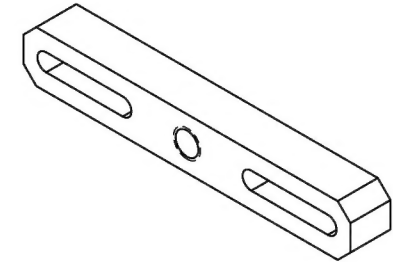
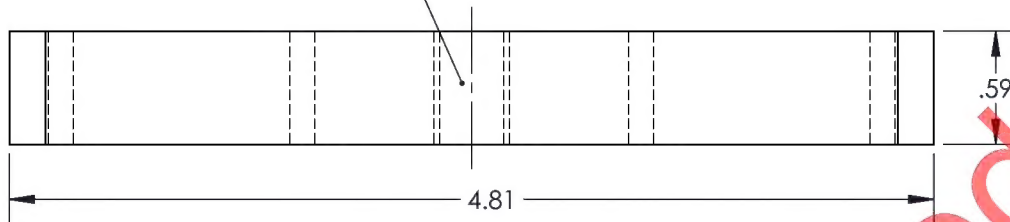
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE 1:2 DATE 11/3/2014 SHEET 1 OF 8

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0215	-3 CH'D ENGRAVE NOTE WAS "RBW6500X01611-W142E-3T" IS T/N.	11/12/14	RJC	JAG

ENGRAVE T/N, S/N,
"MADE IN USA"



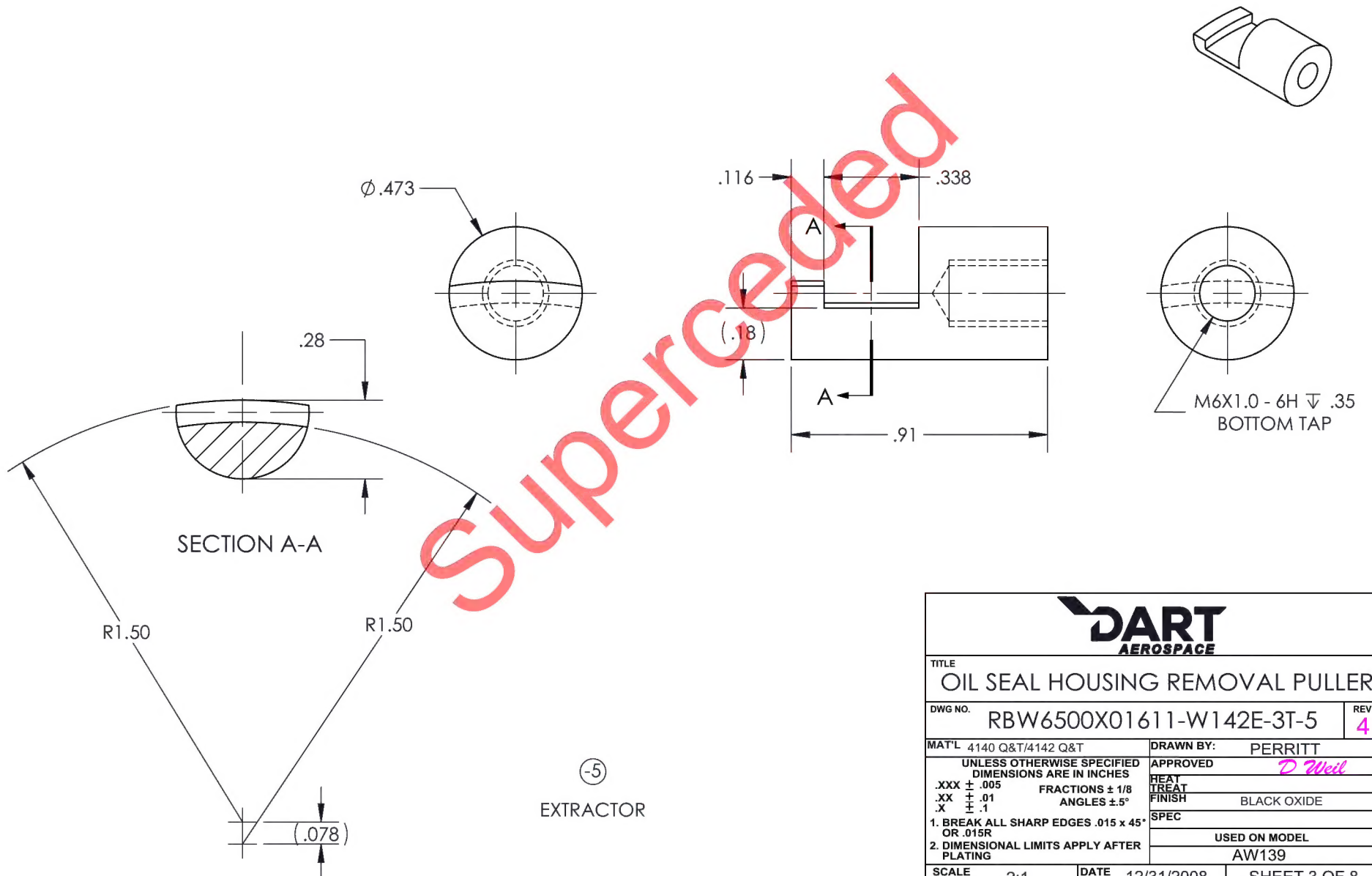
(-3)
CROSS BAR



TITLE OIL SEAL HOUSING REMOVAL PULLER	
DWG NO. RBW6500X01611-W142E-3T-3	REV 4
MAT'L 1018/1020	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 1:1	DATE 12/31/2008
SHEET 2 OF 8	

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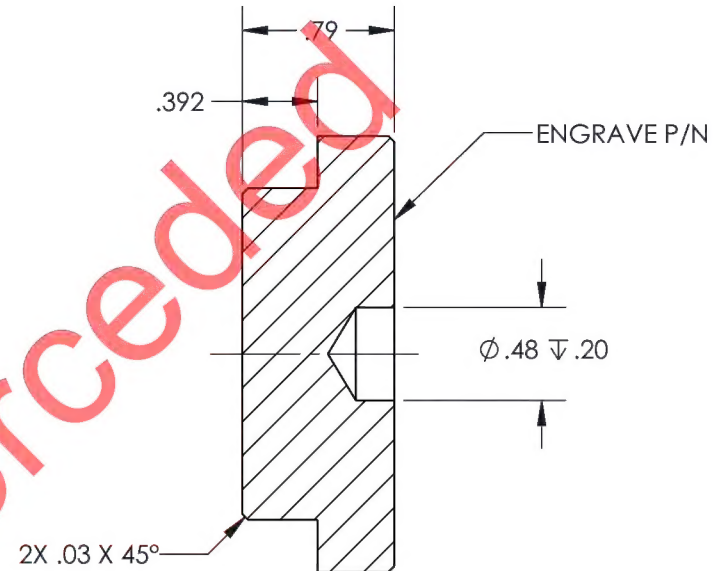
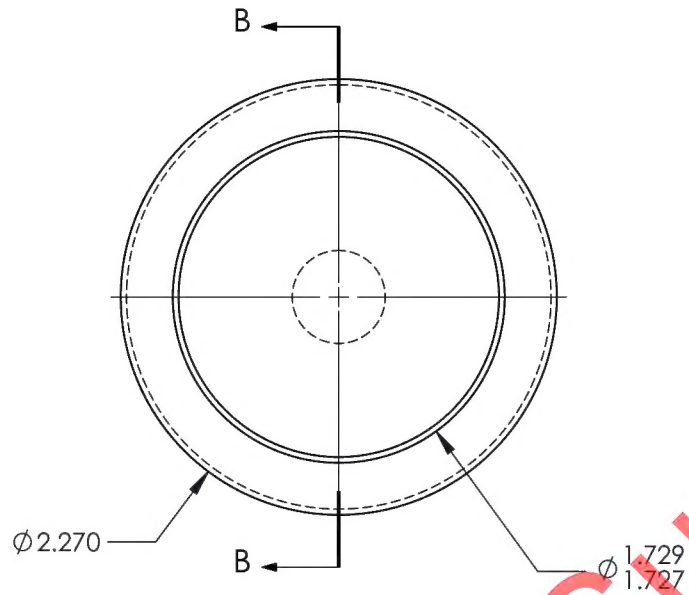
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-5 CH'D OD WAS Ø.749 IS Ø.74, CH'D M6 X 1 THREAD DEPTH WAS .434 IS MIN. DEPTH .43.	7/31/13	RJC	GE
1	14-0215	-5 CH'D DIAMETER WAS Ø.74 IS .473, CH'D SLOT WAS .501 IS .316 CH'D TIP WAS .184 IS .116, CH'D RADIUS WAS R1.964 IS 1.240, CH'D LENGTH WAS 1.443 IS .911.	11/12/14	RJC	JAG
2	15-0011	-5 CH'D M6X1.0 HOLE DEPTH WAS .43 IS .35.	1/12/2015	RJC	JAG
4	15-0366	-5 CH'D DIMS WAS .316 IS .338, WAS .29 IS .28, WAS R1.24 IS R1.50, WAS (.087) IS (.078), WAS (.20) IS (.18).	11/20/2015	RJC	JAG



DART AEROSPACE	
TITLE OIL SEAL HOUSING REMOVAL PULLER	
DWG NO. RBW6500X01611-W142E-3T-5	REV 4
MAT'L 4140 Q&T/4142 Q&T	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX \pm .005 FRACTIONS \pm 1/8	HEAT TREAT
.XX \pm .01 ANGLES \pm 5°	FINISH BLACK OXIDE
.X \pm .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 2:1	DATE 12/31/2008
SHEET 3 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	15-0128	-7 CH'D ENGRAVE NOTE WAS "RBW6500X01611-W142E/2-3T" IS P/N.	6/4/2015	RJC	JAG



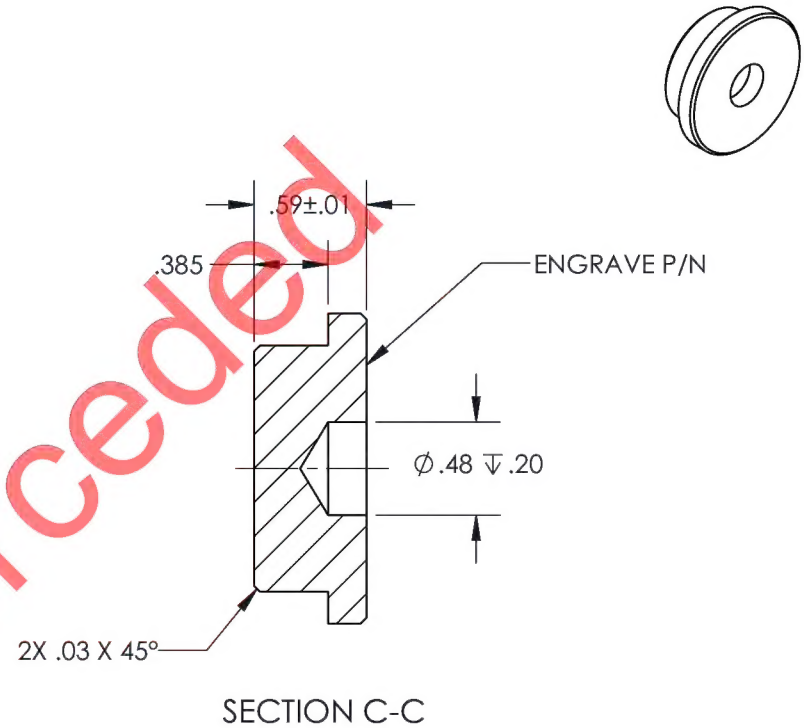
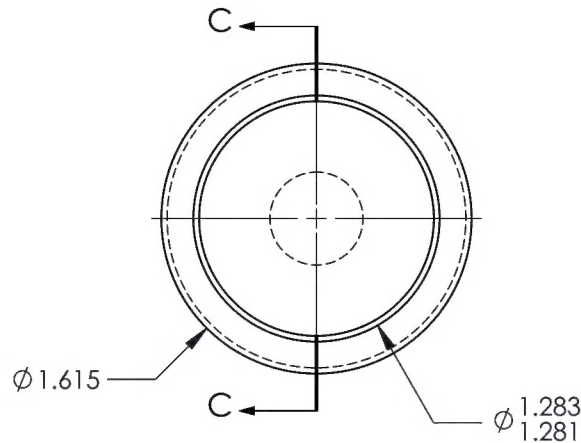
SECTION B-B

(-7)
LARGE SEAT

DART AEROSPACE	
TITLE OIL SEAL HOUSING REMOVAL PULLER	
DWG NO. RBW6500X01611-W142E-3T-7	REV 4
MAT'L 1018/1020	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .005$	HEAT TREAT
.XX $\pm .01$	FINISH BLACK OXIDE
.X $\pm .1$	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 1:1	DATE 12/31/2008
SHEET 4 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-9 CH'D TOLERANCE WAS $\varnothing .480$ IS $\varnothing .48$.	11/4/2014	RJC	GE
3	15-0128	-9 CH'D ENGRAVE NOTE WAS "RBW6500X01611-W142E/3-3T" IS P/N.	6/4/2015	RJC	JAG



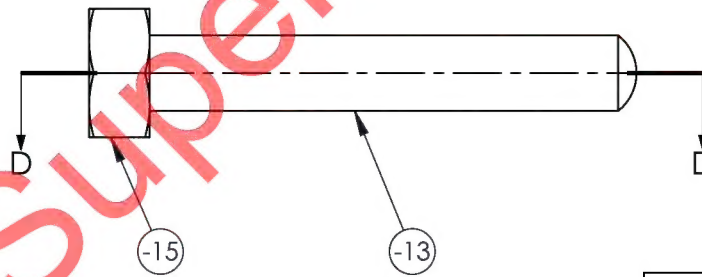
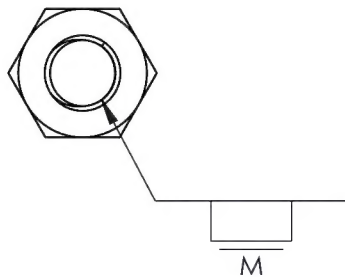
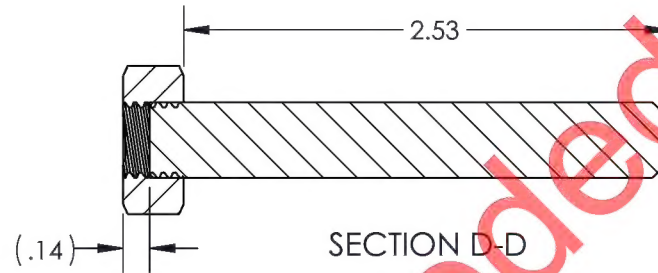
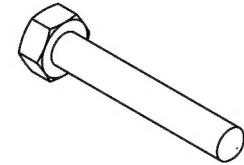
Superceded

Ⓣ
SMALL SEAT

DART AEROSPACE	
TITLE OIL SEAL HOUSING REMOVAL PULLER	
DWG NO. RBW6500X01611-W142E-3T-9	REV 4
MAT'L 1018/1020	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .005$	HEAT TREAT
.XX $\pm .01$	FINISH BLACK OXIDE
.X $\pm .1$	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 1:1	DATE 12/31/2008
SHEET 5 OF 8	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-11)

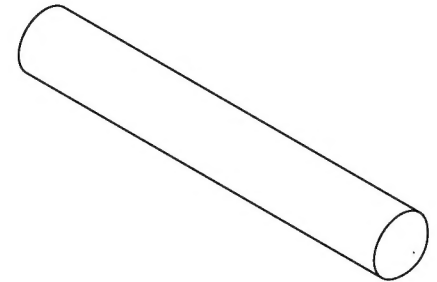
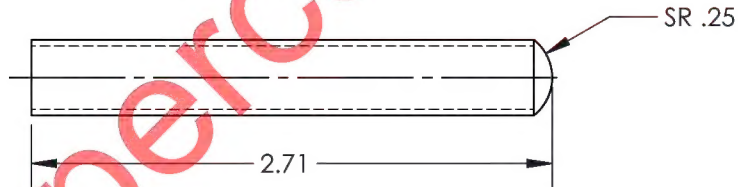
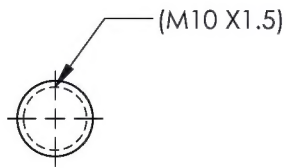
SCREW WELDMENT



TITLE OIL SEAL HOUSING REMOVAL PULLER		
DWG NO. RBW6500X01611-W142E-3T-11	REV 4	
MAT'L	DRAWN BY: PERRITT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>	
.XXX ± .005	HEAT TREAT	
.XX ± .01	FINISH BLACK OXIDE	
.X ± .1	SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139	
SCALE 1:1	DATE 11/3/2014	SHEET 6 OF 8

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0215	-13 ADDED DWG.	11/12/14	RJC	JAG
3	15-0128	-13 CH'D DIM WAS SR .27 IS SR .25.	6/4/2015	RJC	JAG



Superceded

(-13)
THREADED ROD

DART AEROSPACE	
TITLE OIL SEAL HOUSING REMOVAL PULLER	
DWG NO. RBW6500X01611-W142E-3T-13	REV 4
MAT'L STEEL	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -11 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 1:1	DATE 12/31/2008
SHEET 7 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0215	-19 ADDED DWG, CH'D FROM B/O TO MANUFACTURED PART.	11/12/14	RJC	JAG



-19

LONG STUD



TITLE OIL SEAL HOUSING REMOVAL PULLER		
DWG NO. RBW6500X01611-W142E-3T-19	REV 4	
MAT'L 1018/1020	DRAWN BY: PERRITT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>	
.XXX ± .005	HEAT TREAT	
.XX ± .01	FINISH BLACK OXIDE	
.X ± .1	SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139	
SCALE 1:1	DATE 12/31/2008	SHEET 8 OF 8